| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------------|------|---|---|---------------------|---------|------------------|
| S1 | 13 | diaphragm with immobili\$6 and (counter with electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON . | 2007/06/29 10:42 |
| S2 | 99 | diaphragm with attach\$4 and (counter with electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 10:43 |
| \$3 | . 99 | S2 not S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 10:45 |
| S6 | 109 | (weinberg with marc).in. (borenstein with jeffery).in. (dube with christopher).in. (hopkins with ralph).in. (carlen with edwin).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ой | 2007/06/29 11:34 |
| S7 | 8 | S6 and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 11:36 |
| S8 ⁻ | 8 | ("20010016683" "20040096357" "20040152211" "4864463" "6050138" "6201980" "6480730" "6647796").PN. | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/06/29 15:13 |
| S9 | . 0 | ("7086288").URPN. | USPAT | OR | ON | 2007/06/29 15:15 |
| S10 | 0 | membrane with tranduc\$3 same (coat\$3 immobili\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 16:17 |
| S4 | 23 | ("20030019299" "20030027351" "2 0030186228" "20030233882" "5050 035" "5262127" "5339051" "569808 9" "6114658" "6167748" "7086288").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 16:17 |
| S11 | 18 | membrane with tranduc\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 16:20 |
| S13 | 6139 | membrane same capacit\$4 and membrane same (coat\$3 immobili\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 16:21 |

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|-----|------|---|---|-------------|-----|------------------|
| S12 | 1768 | membrane same capacit\$4 same (coat\$3 immobili\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/06/29 16:21 |
| S14 | 356 | membrane same capacit\$4 and membrane same (coat\$3 immobili\$6) and (counter with electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 16:26 |
| S5 | 2 | ("20040211251").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/06/29 17:04 |
| S16 | 361 | (counter with electrode second with electrode counterelectrode) with (perforat\$4 apertur\$2) same pressur\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/06/29 17:05 |
| S15 | 8067 | (counter with electrode second with electrode counterelectrode) with (perforat\$4 apertur\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 17:05 |
| S17 | 361 | (counter with electrode second with electrode counterelectrode) with (perforat\$4 apertur\$2) same pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 17:06 |
| S19 | 398 | flexural with plate with wave | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ÓИ | 2007/06/29 17:30 |
| S18 | . 74 | (counter with electrode second with electrode counterelectrode) with (perforat\$4 apertur\$2) same pressur\$7 and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2007/06/29 17:30 |
| S21 | 99 | \$19 and electrode and bind\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2007/06/29 17:33 |
| S20 | 253 | S19 and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 17:33 |
| 522 | 0 | ("2005/0196877").URPN. | USPAT | OR | ON | 2007/06/29 18:31 |
| S23 | 299 | membrane same deflect\$3 same capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/07/02 14:51 |

| S24 | 13 | membrane same deflect\$3 same capacitance and bind\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 14:53 |
|-----|------|---|---|---------|-----|------------------|
| S27 | 803 | perforat\$3 with electrode same pressur\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 14:56 |
| S26 | 8277 | perforat\$3 with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 14:56 |
| S25 | 20 | pressur\$7 with control same perforat\$3 with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR / | ON | 2007/07/02 14:56 |
| 531 | 612 | S29 and membrane | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 15:28 |
| 529 | 1072 | (436/528).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | OFF | 2007/07/02 15:28 |
| S28 | 804 | perforat\$3 with electrode same pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2007/07/02 15:28 |
| S32 | 29 | S31 and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/07/02 16:09 |
| S33 | 1807 | ((422/82.01,82.02) or (436/149, 806)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/07/02 16:10 |
| S34 | 283 | S33 and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 16:13 |
| S35 | 23 | S34 and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 16:31 |

| S36 | 2 | ("6167748").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/07/02 16:42 |
|------------|------|---|---|------|-----|------------------|
| S40 | 1403 | (perforation perforated) near (electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 16:43 |
| S39 | 284 | S37 with pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR · | ON | 2007/07/02 16:43 |
| S38 | 3804 | S37 and pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 16:43 |
| S37 | 8463 | (perforation perforated) with (electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/02 16:43 |
| S41 | 44 | S40 with pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:43 |
| S42 | 8255 | electrode with pressur\$7 with control\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:47 |
| S43 | 199 | electrode with pressur\$7 with control\$5 with (hole) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:48 |
| S45 | 9 | electrode with pressur\$7 near control\$5 with vent\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:57 |
| S47 | 1541 | electrode with pressur\$7 near control\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:58 |
| S46 | 12 | mesh near electrode with pressur\$7 near control\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:58 |

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|-----|------|---|---|----|----|------------------|
| S44 | 40 | electrode with pressur\$7 near control\$5 with (hole) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 07:59 |
| S53 | 88 | S51 not S52 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 08:02 |
| S52 | 44 | S50 with pressur\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2007/07/03 08:02 |
| S51 | 131 | S50 same pressure\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 08:02 |
| S50 | 1403 | (perforation perforated) near (electrode counterelectrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/03 08:02 |
| S49 | 96 | electrode with pressur\$7 with control\$5 with vent\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2007/07/03 08:02 |